

Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in this application.

Listing of Claims:

1-5. (Canceled)

6. (Previously Presented) A method of programming and configuring components of an upgradeable and extendable wireless communication system in order to implement multiple wireless communication standards, services, and applications, comprising:

- (a) identifying one of the application, standard or service to be implemented;
- (b) compiling software stored in a software library that is associated with the identified application, standard or service and storing the compiled software in a host memory;
- (c) determining the utilization of hardware resources based on the compiled software; and
- (d) configuring hardware resources to meet the application, standard or service required.

7-8. (Canceled)

9. (Previously Presented) The method of claim 6 wherein the hardware resources are located at different layers of the upgradeable and extendable communication system and are chosen to form an event-driven hardware platform.